



PRODUCT COMPONENT

Revised 04.24.06

DEFINITION			
Name	W3C Quality Assurance Tools		
Description	<p>The W3C Quality Assurance Tools have been developed to aid manual examination of Web pages for a variety of aspects of usability/accessibility consisting of a range of functions that include:</p> <ul style="list-style-type: none">• MarkUp Validator - also known as the <i>HTML Validator</i> helps check Web document formats like HTML and XHTML, SVG (scalable vector graphic) or MathML (math markup language).• Link Checker - checks anchors (hyperlinks) in a HTML/XHTML document. Useful to find broken links, etc.• CSS Validator - validates CSS or documents using CSS.• Log Validator - a Web server log analysis tool with focus on the quality of Web documents and assists Web authors to find the most popular content on their Web site that matches particular criteria.• Feed Validator - checks RSS (really simple syndication) newsfeeds.• P3P Validator - checks whether a site is P3P (platform for privacy preferences) enabled and controls protocol and syntax of Policy-Reference-File and Policy.• XML Schema Validator – checks XML Schema.		
Rationale	Through the use of testing tools such as these, State of Missouri Web sites can conduct testing of different aspects of their site listed above. Coupled with human evaluation testing, these Web sites will be as usable and accessible as possible.		
Benefits	<p>W3C Quality Assurance Tools automatically identify compliancy and/or provide a detailed listing of non-compliance areas. Use of these tools will:</p> <ul style="list-style-type: none">• Ensure Web sites take a proactive approach to current/future legal requirements;• Broaden market reach through increasing the usability/accessibility of Web sites; and• Increase compatibility with browsing technologies.		
ASSOCIATED ARCHITECTURE LEVELS			
Specify the Domain Name	Interface		
Specify the Discipline Name	Branding		
Specify the name of the associated Technology Area	Usability		
KEYWORDS			
List Keywords	Accessibility, usability, tools, testing, evaluation, validation, link checking, HTML/XHTML checking, CSS checking, toolbar, compliant, 508, XML, schema, log, W3C, Quality, Assurance, P3P, RSS, Validator		
VENDOR INFORMATION			
Vendor Name	World Wide Web Consortium	Website	http://www.w3.org/QA/Tools/ http://validator.w3.org/

Contact Information			
POTENTIAL COMPLIANCE SOURCES			
Name		Website	
Contact Information			
Name		Website	
Contact Information			
COMPONENT REVIEW			
List Desirable aspects	Can validate by submitting a uniform resource locator (URL), uploading a file or by direct input of html to check. Can also validate RSS feeds and links.		
List Undesirable aspects	Does not work as an add-on toolbar. Does not check as many items as some of the other validation tools (Web accessibility, document structure, etc.) Requires Web access.		
Operating System	Independent of OS	Platform	Any (Browser implemented)
ASSOCIATED COMPLIANCE COMPONENTS			
Product			
List the Product-specific Compliance Component Names			
Configuration Links			
List the Configuration-specific Compliance Component Names			
COMPONENT CLASSIFICATION			
Provide the Classification	<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset		
Sunset Date			
COMPONENT SUB-CLASSIFICATION			
Sub-Classification	Date	Additional Sub-Classification Information	
<input type="checkbox"/> Technology Watch			
<input type="checkbox"/> Variance			
<input type="checkbox"/> Conditional Use			
RATIONALE FOR COMPONENT CLASSIFICATION			
Document the Rationale for Component Classification			
MIGRATION STRATEGY			
Document the Migration Strategy			
IMPACT POSITION STATEMENT			
Document the Position Statement on Impact			

AGENCIES			
<i>List the Agencies Currently Utilizing this Product</i>			
CURRENT STATUS			
<i>Provide the Current Status</i>	<input type="checkbox"/> <i>In Development</i>	<input type="checkbox"/> <i>Under Review</i>	<input checked="" type="checkbox"/> <i>Approved</i> <input type="checkbox"/> <i>Rejected</i>
AUDIT TRAIL			
<i>Creation Date</i>	3/22/06	<i>Date Approved / Rejected</i>	May 9, 2006
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			